HEAT PROTECTION

TECHNICAL TEXTILES IN EXTREME APPLICATIONS

Special textiles made of regenerated para-aramid, meta-aramid, preox, PBI® developed for technical applications mostly in high temperature ranges from 200 °C (390 °F) to 1000 °C (1840 °F).

Heat protection fabrics for reliable personal protective equipment in case of thermal exposure and metal splashes, insulation and robot protection. Tested according to DIN EN ISO 11612 standard & Oeko-Tex® Standard 100 certified. We offer textiles for personal protective equipment, welding, radiant heat, cut and vandal protection.

Our heat protection materials can be produced optimized for specific applications by choosing the fibre, the textile construction and functionalization of the surface. Besides polyurethane and silicone coatings, reflective foils are included in our standard range. Weight ranges from 200 to 750 g/m² in standard widths of 1000-1500 mm.

Rex Industrie-Produkte Graf von Rex GmbH | Vellberg | www.rex-industrie-produkte.de
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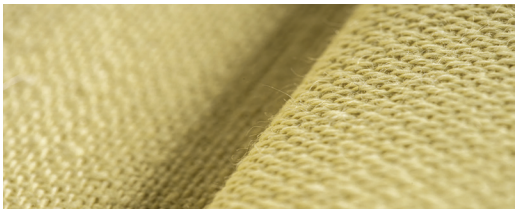


PARA-ARAMID FABRICS

The inherently flame-retardant raw fabric has high mechanical properties and is suitable for an application temperature of up to 300 °C (570 °F).

PARA-ARAMID BLENDED FABRICS

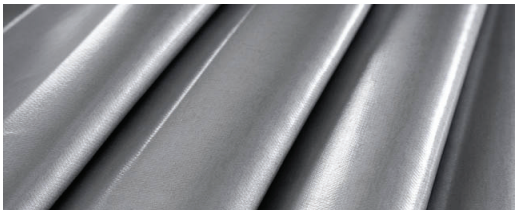
The raw fabric made of para-aramid blends has high mechanical properties and is suitable for an application temperature of up to 500 °C (930 °F).

PREOX BLENDED FABRICS

In addition to a low weight, the raw fabric made from preox blends has a soft feel and is suitable for an operating temperature of up to 400 °C (750 °F).

TREATMENTS

Dipped treatment to improve the cut resistance.



COATINGS

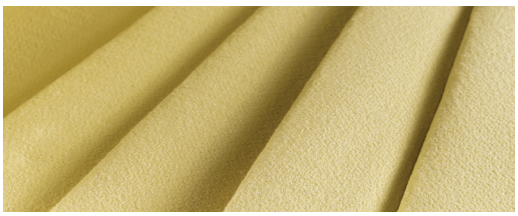
Functionalization of fabrics surfaces according to customer requirements.

LAMINATIONS

Aluminization of the fabric surface to reflect radiant heat and protect against metal splashes.

MECHANICAL TREATMENTS

Mechanical surface treatment to improve thermal insulation.



FELTS

The flame-retardant felts made of para-aramid, meta-aramid and preox are suitable for an operating temperature of up to 300 °C (570 °F).

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